

RAW SEQUENCE LISTING DATE: 12/07/2000
 PATENT APPLICATION: US/09/229,751A TIME: 10:07:57

Input Set : A:\Pto.amc
 Output Set: N:\CRF3\12072000\I229751A.raw

4 (1) GENERAL INFORMATION:
 6 (i) APPLICANT: Turnbough, Charles K
 8 (ii) TITLE OF INVENTION: PEPTIDE LIGANDS THAT BIND TO SURFACES
 9 OF BACTERIAL CELLS
 11 (iii) NUMBER OF SEQUENCES: 80
 13 (iv) CORRESPONDENCE ADDRESS:
 14 (A) ADDRESSEE: Glenna Hendricks
 15 (B) STREET: P.O. Box 2509
 16 (C) CITY: Fairfax
 17 (D) STATE: VA
 18 (E) COUNTRY: USA
 19 (F) ZIP: 22031
 21 (v) COMPUTER READABLE FORM:
 22 (A) MEDIUM TYPE: Floppy disk
 23 (B) COMPUTER: IBM PC compatible
 24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
 C--> 27 (vi) CURRENT APPLICATION DATA:
 C--> 28 (A) APPLICATION NUMBER: US/09/229,751A
 C--> 29 (B) FILING DATE: 14-Jan-1999
 30 (C) CLASSIFICATION:
 32 (viii) ATTORNEY/AGENT INFORMATION:
 33 (A) NAME: Hendricks, Glenna M
 34 (B) REGISTRATION NUMBER: 32,535
 35 (C) REFERENCE/DOCKET NUMBER: turn
 37 (ix) TELECOMMUNICATION INFORMATION:
 38 (A) TELEPHONE: (703) 425-8405
 39 (B) TELEFAX: (703) 425-8406
 42 (2) INFORMATION FOR SEQ ID NO: 1:
 44 (i) SEQUENCE CHARACTERISTICS:
 45 (A) LENGTH: 4 amino acids
 46 (B) TYPE: amino acid
 47 (C) STRANDEDNESS: single
 48 (D) TOPOLOGY: unknown
 50 (ii) MOLECULE TYPE: peptide
 52 (iii) HYPOTHETICAL: NO
 54 (iv) ANTI-SENSE: NO
 58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 60 Asn His Phe Leu
 61 1
 63 (2) INFORMATION FOR SEQ ID NO: 2:
 65 (i) SEQUENCE CHARACTERISTICS:
 66 (A) LENGTH: 21 base pairs
 67 (B) TYPE: nucleic acid
 68 (C) STRANDEDNESS: single
 69 (D) TOPOLOGY: unknown
 71 (ii) MOLECULE TYPE: DNA (genomic)

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73      (iii) HYPOTHETICAL: NO
75      (iv) ANTI-SENSE: NO
79      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
81      AAATCAATTTT IGATTAAGCC G                               21
83      (2) INFORMATION FOR SEQ ID NO: 3:
85          (i) SEQUENCE CHARACTERISTICS:
86              (A) LENGTH: 21 base pairs
87              (B) TYPE: nucleic acid
88              (C) STRANDEDNESS: single
89              (D) TOPOLOGY: unknown
91          (ii) MOLECULE TYPE: DNA (genomic)
93          (iii) HYPOTHETICAL: NO
95          (iv) ANTI-SENSE: NO
99          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
101     AATCAATTTT TGAGGTCTCC G                               21
103     (2) INFORMATION FOR SEQ ID NO: 4:
105         (i) SEQUENCE CHARACTERISTICS:
106             (A) LENGTH: 4 amino acids
107             (B) TYPE: amino acid
108             (C) STRANDEDNESS: single
109             (D) TOPOLOGY: unknown
111         (ii) MOLECULE TYPE: peptide
113         (iii) HYPOTHETICAL: NO
115         (iv) ANTI-SENSE: NO
119         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
121             Asn His Phe Leu
122             1
124     (2) INFORMATION FOR SEQ ID NO: 5:
126         (i) SEQUENCE CHARACTERISTICS:
127             (A) LENGTH: 21 base pairs
128             (B) TYPE: nucleic acid
129             (C) STRANDEDNESS: single
130             (D) TOPOLOGY: unknown
132         (ii) MOLECULE TYPE: DNA (genomic)
134         (iii) HYPOTHETICAL: NO
136         (iv) ANTI-SENSE: NO
140         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
142     AATCAATTTT TTCCTAAGGT G                               21
144     (2) INFORMATION FOR SEQ ID NO: 6:
146         (i) SEQUENCE CHARACTERISTICS:
147             (A) LENGTH: 21 base pairs
148             (B) TYPE: nucleic acid
149             (C) STRANDEDNESS: single
150             (D) TOPOLOGY: unknown
152         (ii) MOLECULE TYPE: DNA (genomic)
154         (iii) HYPOTHETICAL: NO
156         (iv) ANTI-SENSE: NO
160         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
162     AATCAATTTT TGTGCGGCC G                               21

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164 (2) INFORMATION FOR SEQ ID NO: 7:
166   (i) SEQUENCE CHARACTERISTICS:
167       (A) LENGTH: 21 base pairs
168       (B) TYPE: nucleic acid
169       (C) STRANDEDNESS: single
170       (D) TOPOLOGY: unknown
172   (ii) MOLECULE TYPE: peptide
174   (iii) HYPOTHETICAL: NO
176   (iv) ANTI-SENSE: NO
180   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
182 AATCATTTTC TGCCTCGTIG G                               21
184 (2) INFORMATION FOR SEQ ID NO: 8:
186   (i) SEQUENCE CHARACTERISTICS:
187       (A) LENGTH: 21 base pairs
188       (B) TYPE: nucleic acid
189       (C) STRANDEDNESS: single
190       (D) TOPOLOGY: unknown
192   (ii) MOLECULE TYPE: peptide
194   (iii) HYPOTHETICAL: NO
196   (iv) ANTI-SENSE: NO
200   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
202 AATCATTTT TGCCTCCTCG G                               21
204 (2) INFORMATION FOR SEQ ID NO: 9:
206   (i) SEQUENCE CHARACTERISTICS:
207       (A) LENGTH: 21 base pairs
208       (B) TYPE: nucleic acid
209       (C) STRANDEDNESS: single
210       (D) TOPOLOGY: unknown
212   (ii) MOLECULE TYPE: DNA (genomic)
214   (iii) HYPOTHETICAL: NO
216   (iv) ANTI-SENSE: NO
220   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
222 AATCATTTTC TGATGCCGAA G                               21
224 (2) INFORMATION FOR SEQ ID NO: 10:
226   (i) SEQUENCE CHARACTERISTICS:
227       (A) LENGTH: 21 base pairs
228       (B) TYPE: nucleic acid
229       (C) STRANDEDNESS: single
230       (D) TOPOLOGY: unknown
232   (ii) MOLECULE TYPE: DNA (genomic)
234   (iii) HYPOTHETICAL: NO
236   (iv) ANTI-SENSE: NO
240   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
242 AATCATTTTC TGCCTACTGG G                               21
244 (2) INFORMATION FOR SEQ ID NO: 11:
246   (i) SEQUENCE CHARACTERISTICS:
247       (A) LENGTH: 21 base pairs
248       (B) TYPE: nucleic acid
249       (C) STRANDEDNESS: single

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250      (D) TOPOLOGY: unknown
252      (ii) MOLECULE TYPE: DNA (genomic)
254      (iii) HYPOTHETICAL: NO
256      (iv) ANTI-SENSE: NO
260      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
262 AATCAIITTC TIAAGGGGAC G 21
264 (2) INFORMATION FOR SEQ ID NO: 12:
266      (i) SEQUENCE CHARACTERISTICS:
267          (A) LENGTH: 21 base pairs
268          (B) TYPE: nucleic acid
269          (C) STRANDEDNESS: single
270          (D) TOPOLOGY: unknown
272      (ii) MOLECULE TYPE: DNA (genomic)
274      (iii) HYPOTHETICAL: NO
276      (iv) ANTI-SENSE: NO
280      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
282 ATTCATTTC TTCTTTGGCG T 21
284 (2) INFORMATION FOR SEQ ID NO: 13:
286      (i) SEQUENCE CHARACTERISTICS:
287          (A) LENGTH: 21 base pairs
288          (B) TYPE: nucleic acid
289          (C) STRANDEDNESS: single
290          (D) TOPOLOGY: unknown
292      (ii) MOLECULE TYPE: DNA (genomic)
294      (iii) HYPOTHETICAL: NO
296      (iv) ANTI-SENSE: NO
300      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
302 AATCATTTTC TGATTAGGAA G 21
304 (2) INFORMATION FOR SEQ ID NO: 14:
306      (i) SEQUENCE CHARACTERISTICS:
307          (A) LENGTH: 21 base pairs
308          (B) TYPE: nucleic acid
309          (C) STRANDEDNESS: single
310          (D) TOPOLOGY: unknown
312      (ii) MOLECULE TYPE: DNA (genomic)
314      (iii) HYPOTHETICAL: NO
316      (iv) ANTI-SENSE: NO
320      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
322 AATCATTTTC TGCCGACTGC T 21
324 (2) INFORMATION FOR SEQ ID NO: 15:
326      (i) SEQUENCE CHARACTERISTICS:
327          (A) LENGTH: 7 amino acids
328          (B) TYPE: amino acid
329          (C) STRANDEDNESS: single
330          (D) TOPOLOGY: unknown
332      (ii) MOLECULE TYPE: peptide
334      (iii) HYPOTHETICAL: NO
336      (iv) ANTI-SENSE: NO
340      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

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342     Asn His Phe Leu Pro Lys Val
343     1             5
345 (2) INFORMATION FOR SEQ ID NO: 16:
347     (i) SEQUENCE CHARACTERISTICS:
348         (A) LENGTH: 14 amino acids
349         (B) TYPE: amino acid
350         (C) STRANDEDNESS: single
351         (D) TOPOLOGY: unknown
353     (ii) MOLECULE TYPE: DNA (genomic)
355     (iii) HYPOTHETICAL: NO
357     (iv) ANTI-SENSE: NO
361     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
363     Met Val Gln Lys Arg Asn His Phe Leu Pro Tyr Ser Leu Pro
364     1             5             10
366 (2) INFORMATION FOR SEQ ID NO: 17:
368     (i) SEQUENCE CHARACTERISTICS:
369         (A) LENGTH: 21 base pairs
370         (B) TYPE: nucleic acid
371         (C) STRANDEDNESS: single
372         (D) TOPOLOGY: unknown
374     (ii) MOLECULE TYPE: DNA (genomic)
376     (iii) HYPOTHETICAL: NO
378     (iv) ANTI-SENSE: NO
382     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
384     ATTCATTTT TGCCGCAGAA T
386 (2) INFORMATION FOR SEQ ID NO: 18:
388     (i) SEQUENCE CHARACTERISTICS:
389         (A) LENGTH: 12 amino acids
390         (B) TYPE: amino acid
391         (C) STRANDEDNESS: single
392         (D) TOPOLOGY: unknown
394     (ii) MOLECULE TYPE: peptide
396     (iii) HYPOTHETICAL: NO
398     (iv) ANTI-SENSE: NO
402     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
404     Asn His Phe Leu Asn Arg Pro Ala Gln Ser Gln Val
405     1             5             10
407 (2) INFORMATION FOR SEQ ID NO: 19:
409     (i) SEQUENCE CHARACTERISTICS:
410         (A) LENGTH: 7 amino acids
411         (B) TYPE: amino acid
412         (C) STRANDEDNESS: single
413         (D) TOPOLOGY: unknown
415     (ii) MOLECULE TYPE: peptide
417     (iii) HYPOTHETICAL: NO
419     (iv) ANTI-SENSE: NO
423     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
425     Asn His Phe Leu Ile Lys Pro
426     1             5

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VERIFICATION SUMMARY DATE: 12/07/2000
PATENT APPLICATION: US/09/229,751A TIME: 10:07:58

Input Set : A:\Pto.amc
Output Set: N:\CRF3\12072000\I229751A.raw